

Burke County – SR 1611

- Implementation Limits from US 70 to SR 1617
 - Part A – US 70 to SR 1614 (1.70 Miles) – Both Shoulders
 - Part B – SR 1614 to SR 1617 (1.23 Miles) – Southern Shoulder
 - Completed August 20, 2008
 - Part of Resurfacing
 - After – September 2010 (~ 24 Months)
 - Cross Section 1



Lets explore the observational during and after data we were able to collect at the Burke County installation on SR 1611 installed in August 2008. There was no before data collected at this site. The after photos were taken in September of 2010 (~24 months after safety edge being installed). The Part B section only had safety edge placed on the southern shoulder, the northern shoulder was completed with standard edge. The following six (6) slides depict some of the during and after photos that were collected at this site. This was a standard resurfacing project and the cross-sectional width decreased slightly from the before to the after period.

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- Observation – During Installation



With Safety Edge



Without Safety Edge

The photos above were taken during implementation on Part B of the resurfacing project. The left side is WITH Safety Edge (southern shoulder), the right side is WITH OUT Safety Edge (northern shoulder). Notice the 30 degree shaped and formed pavement edge (safety edge) in the photo on the left. Notice the 60-90 degree with a non-shaped and non-formed pavement edge (standard edge) that crumbles and breaks off in the photo on the right.

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- Observation of Site A – Safety Edge



The photo above was taken at the ~24 month time period after implementation of the resurfacing project. Notice how the shoulder has re-rutted back out, but the safety edge is holding up to traffic. This site measured as 2.5 inch drop-off.

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- Observation of Site B – Safety Edge



The photo above was taken at the ~24 month time period after implementation of the resurfacing project. Notice how the shoulder has re-rutted back out, but the safety edge is holding up to traffic. This site measured as 3.0 inch drop-off.

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- Observation of Site C – Standard Edge



The photo above was taken at the ~24 month time period after implementation of the resurfacing project. Notice how the shoulder has re-rutted back out, but the standard edge is NOT holding up to traffic. This site measured as 3.5 inch drop-off.

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- Observation of Site C – Standard Edge



Close-up. The photo above was taken at the ~24 month time period after implementation of the resurfacing project. Notice how the shoulder has re-rutted back out, but the standard edge is NOT holding up to traffic. This site measured as 3.5 inch drop-off.